

Outline of Microarray Chip Technology approach

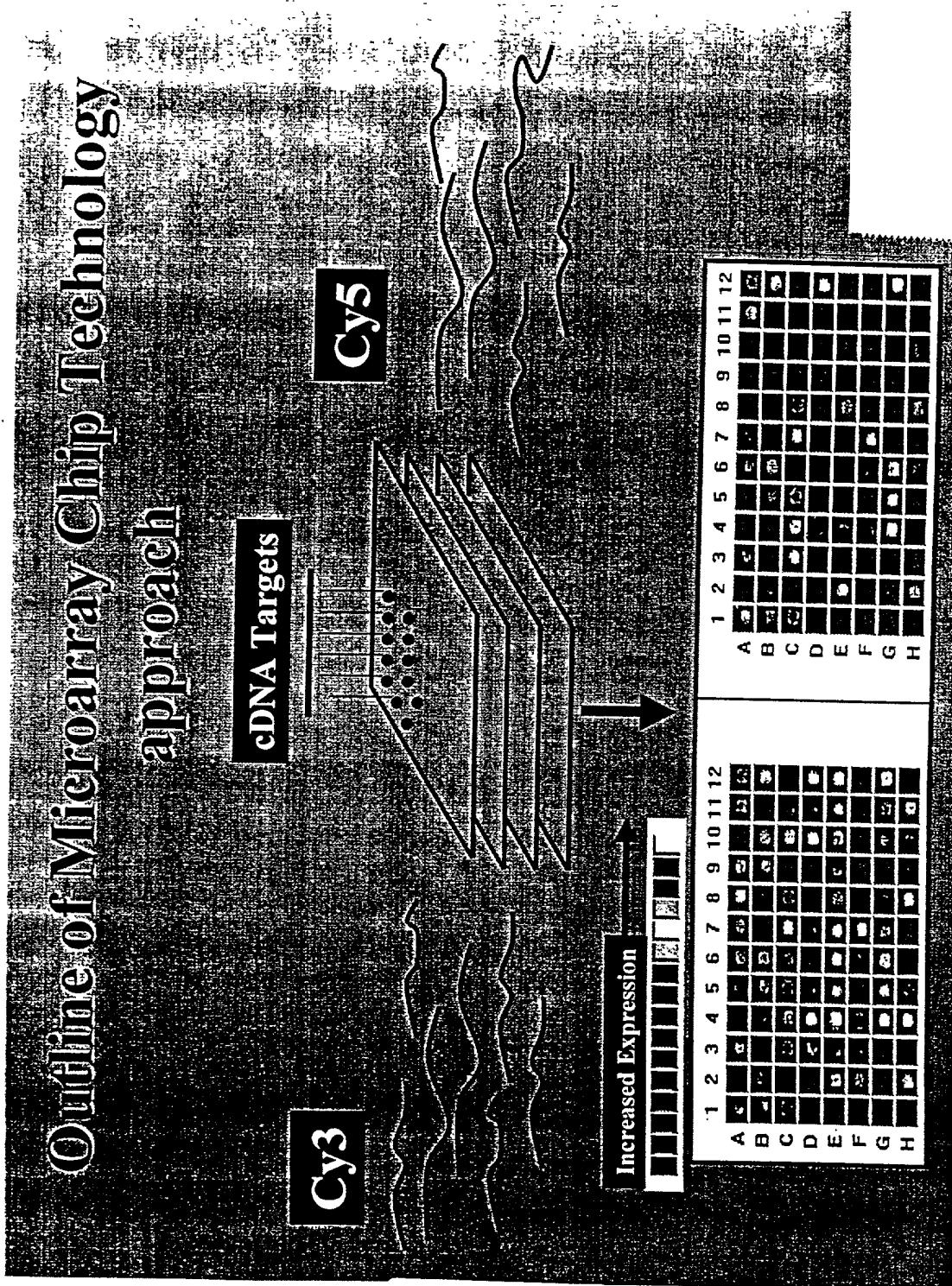


FIG. 1

10040552 100501

General protocol for *in vitro* whole gene CD8⁺ T cell priming

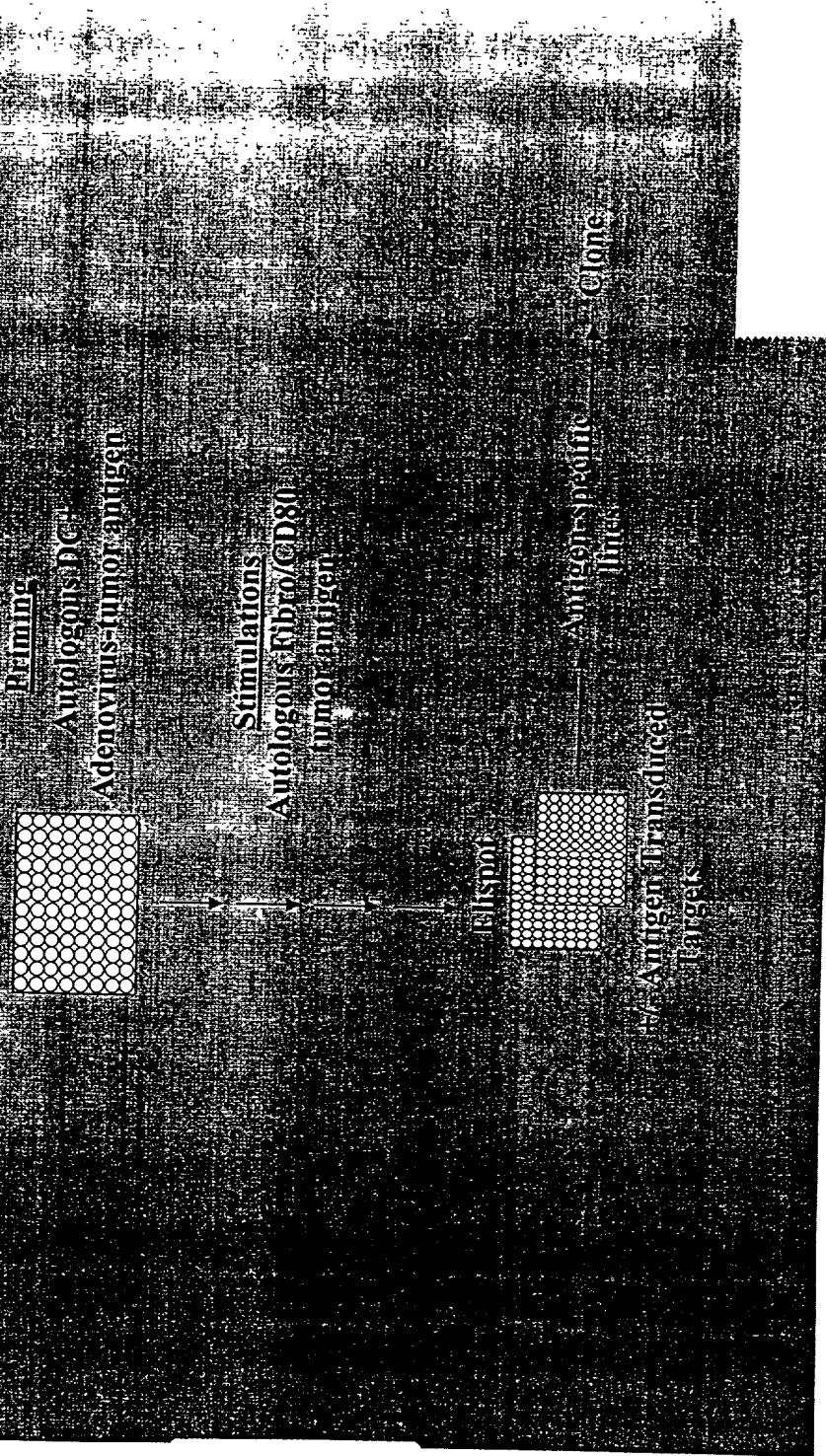


FIG. 2

General protocol for *in-vivo* whole gene CD4 T cell priming

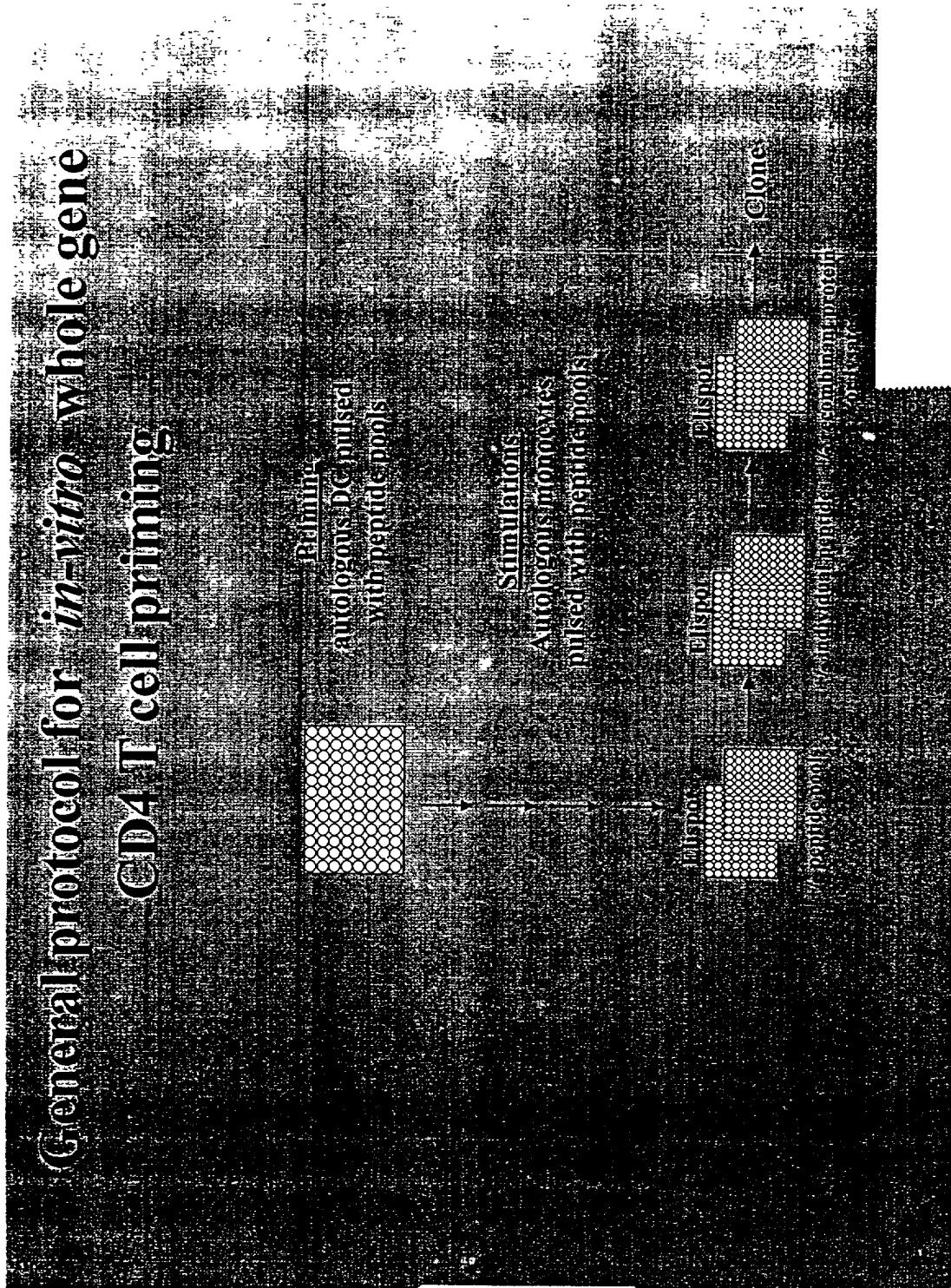


FIG. 3

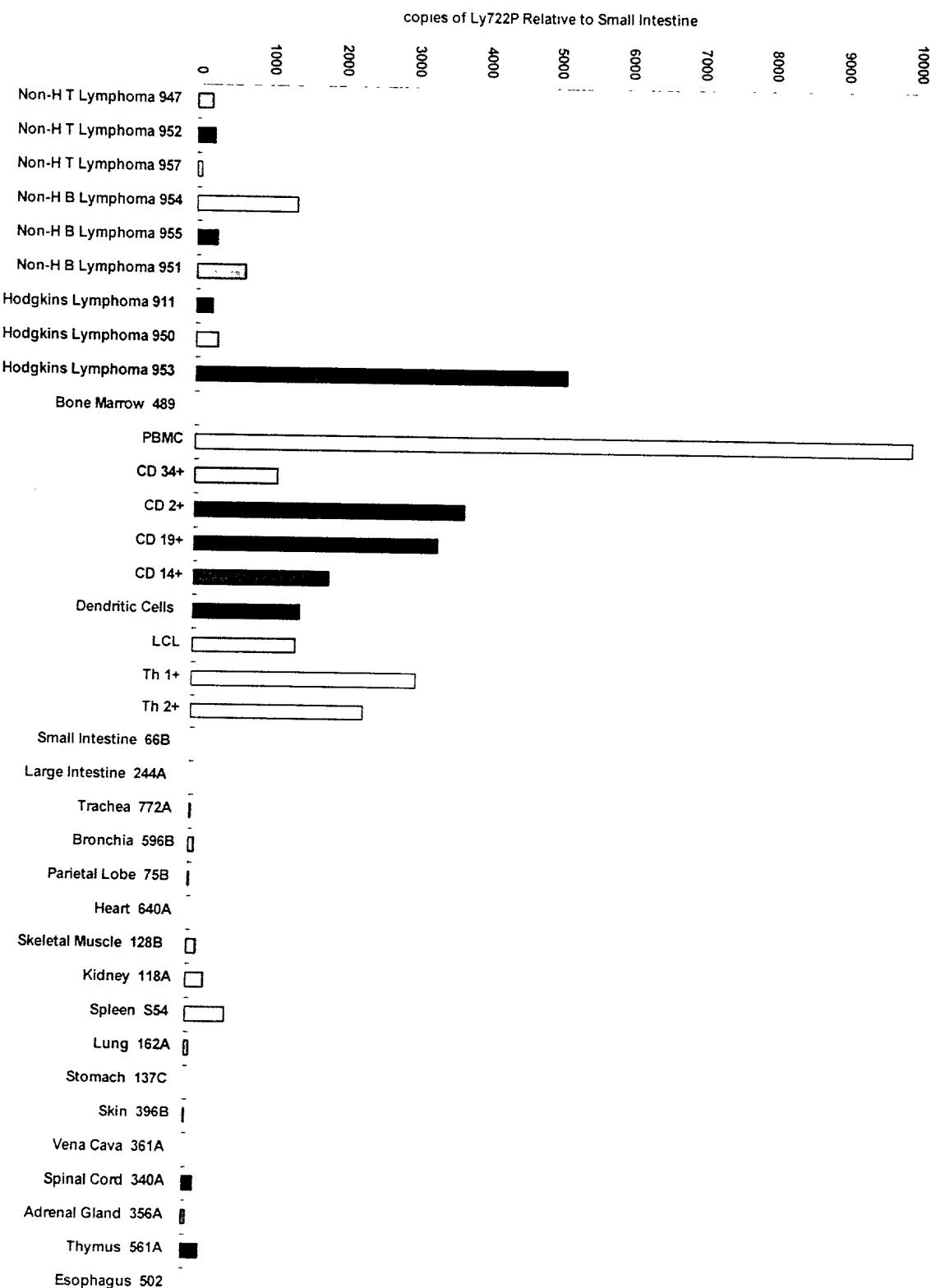


FIG. 4

copies of TCL/ 1000 pg actin

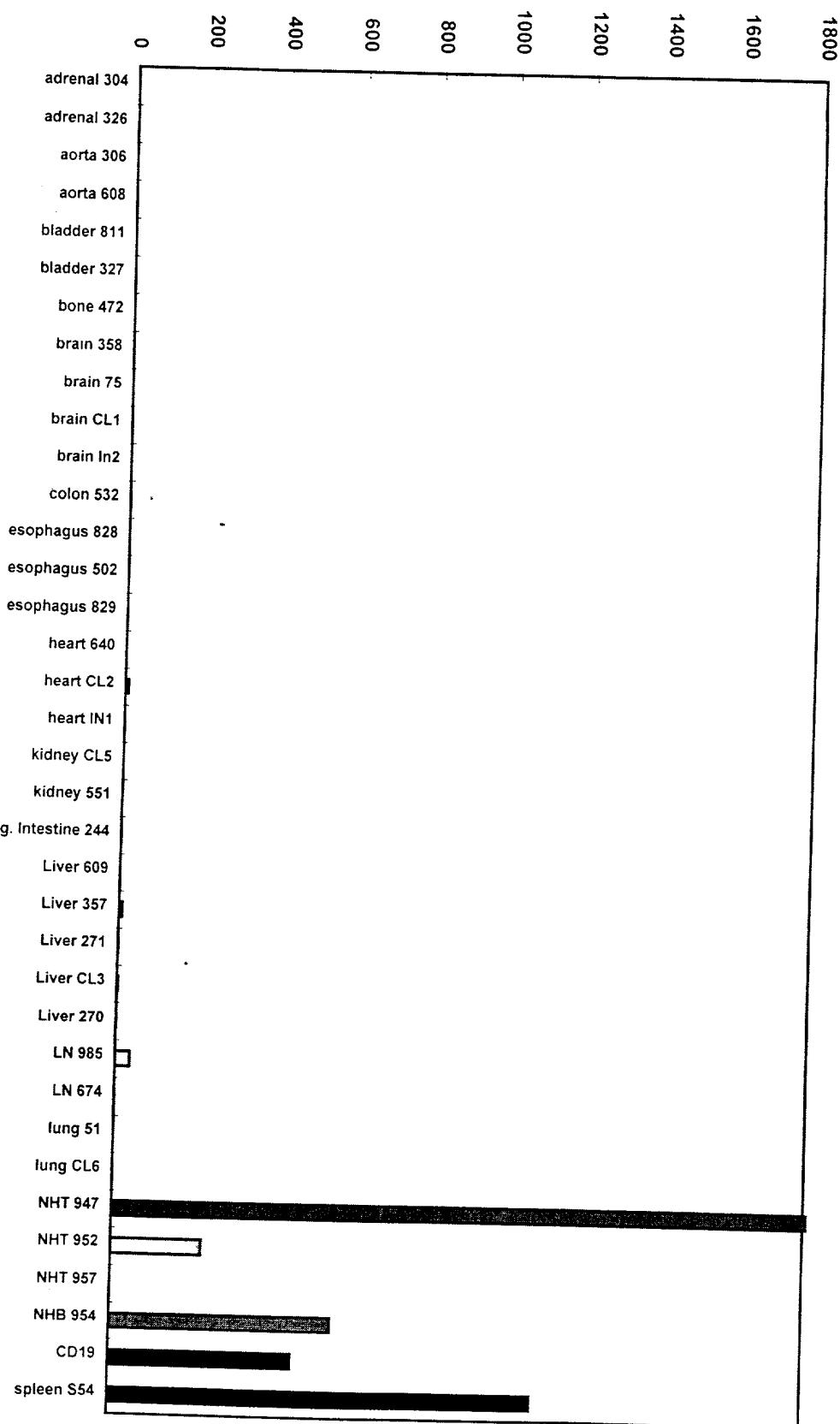


FIG. 5

Chromosome 1:

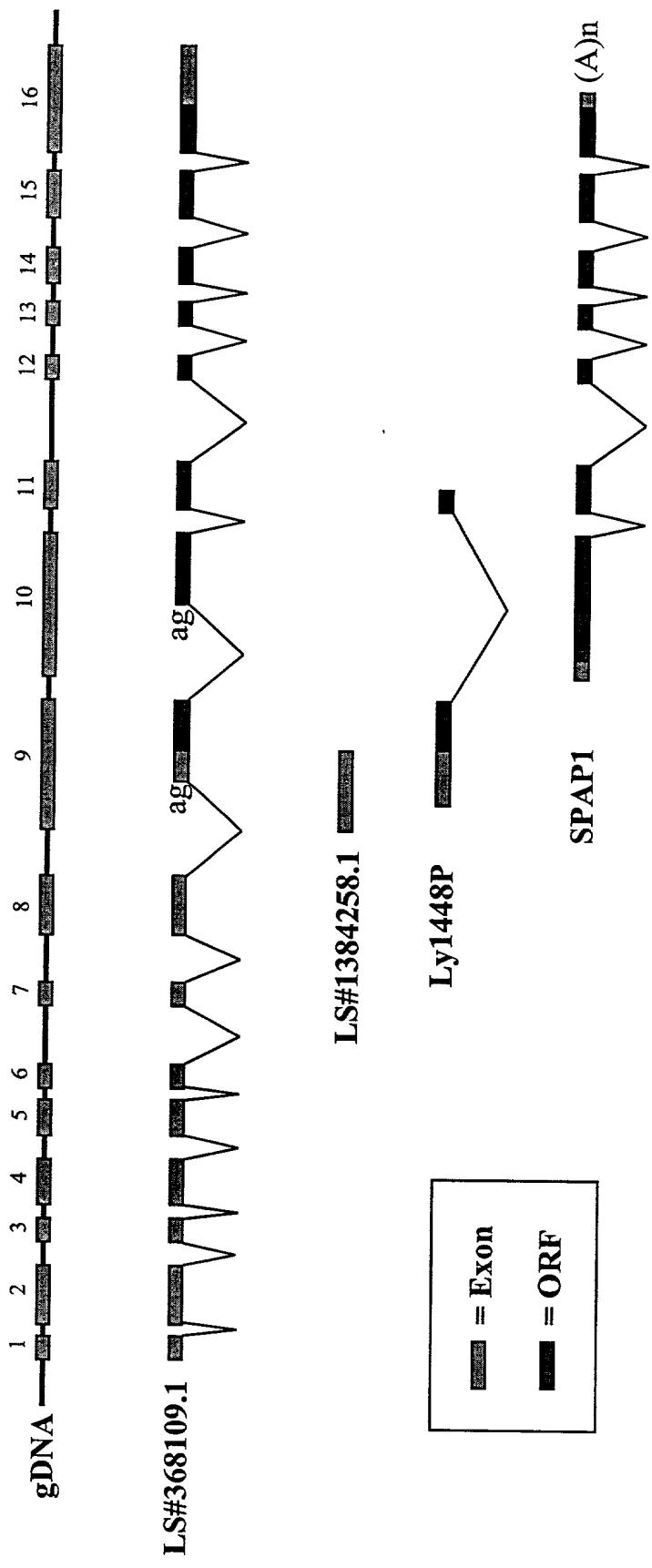


FIG. 6

A - AMPHI mid points of blocks.
 R - Residues matching the Rothbard/Taylor motif.
 D - Residues matching the IAd motif.
 d - Residues matching the IEd motif.

5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
MGKKTQRSLSAELEIPAVKESDAGKYYCRADNGHVP	I	QSKV	VNIPVR	IPVSRP	VTLRSP	GAQAAVGDL	LELHCE								
.....	AAAAA	.....	AAAAA	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
R	RRRRR	.....	RRRRR	.....	RRRRR	.....	RRRRR	.....	RRRRR	.....	RRRRR	.....	RRRRR	.....
D	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....
80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	
ALRGSPPILYQFYHEDVTLGNSSAPSGGGASFNL	SLTAEHSG	GNYSCEAN	NGLGAQC	SEAVPVSISGP	DGYRRDLM										
.....	RRR	.....	RRR	.....	RRR	.....	RRR	.....	RRR	.....	RRR	.....	RRR	.....
155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	
TAGVLWGLFGVLGFTGVALLLYALFHKIS	GESSATNE	PRGASRPNPQE	FTYSSPTPDMEELQP	VYVN	VGSVDVDV										
.....	AAAAAA	.....	AAAAAA	.....	AAAAAA	.....	RRRRR	.....	RRRRR	.....	RRRRR	.....	RRRRR	.....
R	RRRRRRRRRRRRRR	.....	RRRRRRRRRRRRRR	.....	RRRRRRRRRRRRRR	.....	RRRRR	.....	RRRRR	.....	RRRRR	.....	RRRRR	.....
D	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....	DDDDDD	.....
230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	
VYSQVWSMQP	ESSANIR	TLL	LENKDSQ	VIYSSV	KKS										
.....	RRR	.....	RRR	.....	RRR	.....	RRR	.....	RRR	.....	RRR	.....	RRR	.....

FIG. 7

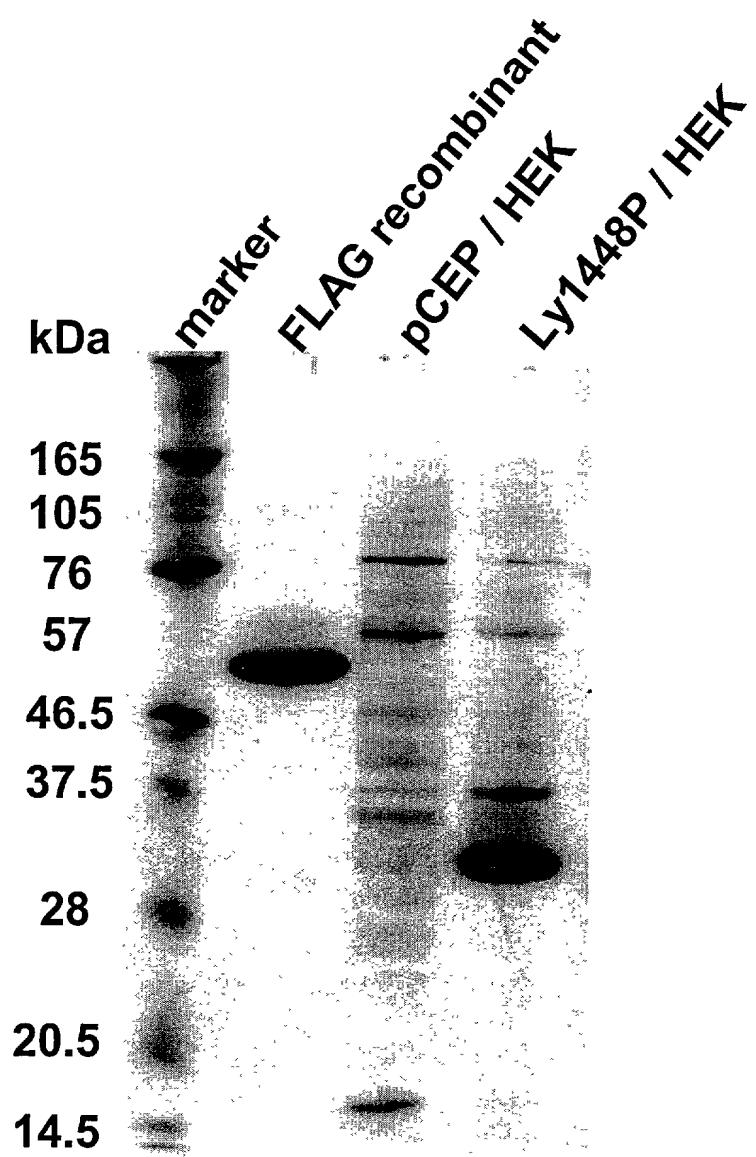


FIG. 8

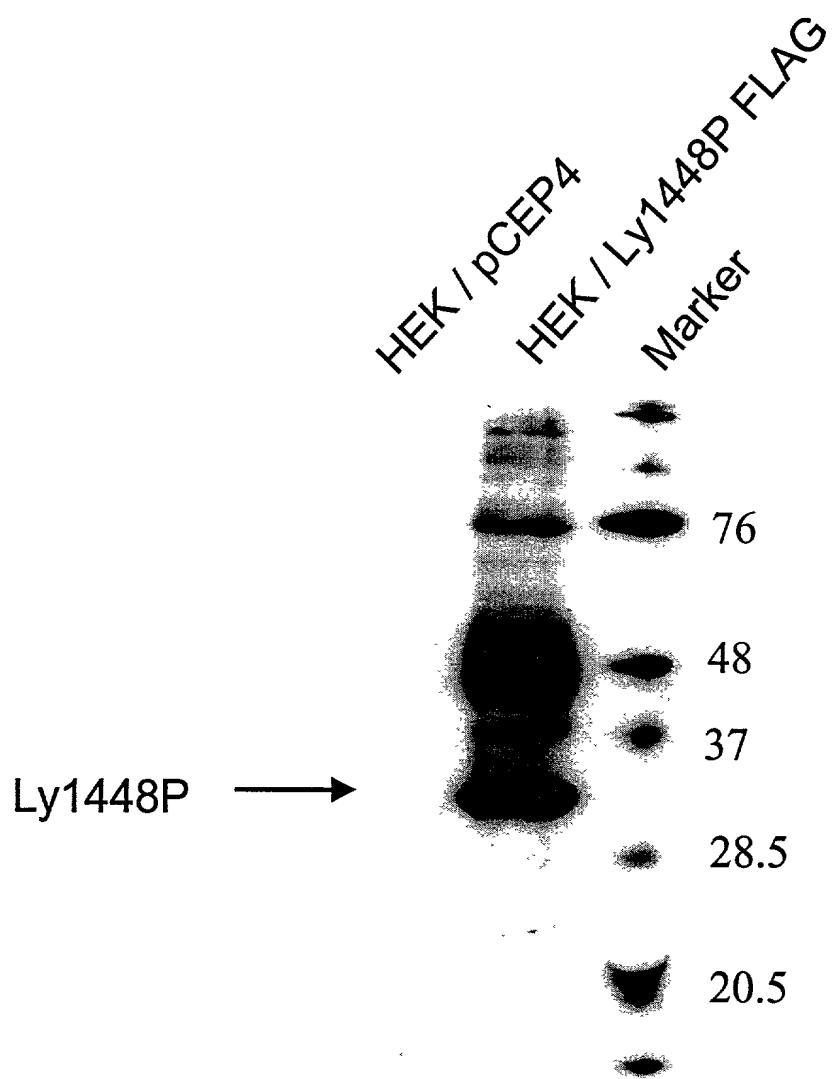


FIG. 9